

Northern Kentucky Water District  
2023 5-Year Capital Budget  
(2023-2027)

Pg. No.	PSC Ref No.	Water Quality Projects						Total Project Cost	Funding Source
			2023	2024	2025	2026	2027		
1	132	MPTP Reservoir Dam/ Raw Water Pipe Replacement	\$1,000,000					\$1,000,000	BAN 2023
2	202	Upgrade SCADA/Instrumentation/Security Equipment	\$710,000					\$710,000	BAN 2021
		Upgrade SCADA/Instrumentation/Security Equipment - SRF Loan 2016	\$2,700,000					\$2,700,000	SRF Loan 2016
3	238	Annual General Facility R&R - Plants, Tanks, Pump Stations 2017	\$605,000					\$605,000	BAN 2023
4	240	Plant Metering Upgrades	\$300,000					\$300,000	BAN 2021
5	176	LRPS Generator & Walkbridge Upgrade		\$4,100,000				\$4,100,000	BAN 2024
6	158	Dudley 1040 Pump Replacement (2 constant speed pumps)	\$750,000					\$750,000	BAN 2023
7	211	TM Pump Station Backup Generator	\$1,535,000					\$1,535,000	BAN 2023
		TM Pump Station Backup Generator (SB36 Grant)	\$1,000,000					\$1,000,000	KIA Grant 2022
		TM Pump Station Backup Generator - SRF Loan 2020	\$4,065,000					\$4,065,000	SRF Loan 2020
8	227	New Tank in Taylor Mill	\$4,000,000				\$4,000,000	BAN 2023	
9	229	New Tank and Pump Station in Southern Campbell County	\$700,000				\$700,000	BAN 2023	
		New Tank and Pump Station in Southern Campbell County (HB1 Grant)	\$1,800,000				\$1,800,000	KIA Grant 2023	
10	239	Annual General Facility R&R - Plants, Tanks, Pump Stations 2018	\$1,061,000					\$1,061,000	BAN 2023
11	243	FTTP Sedimentation Basins and Chemical Improvements	\$2,065,000					\$2,065,000	BAN 2021
		FTTP Sedimentation Basins and Chemical Improvements - SRF Loan 2020	\$3,935,000					\$3,935,000	SRF Loan 2020
12	256	FTTP Residuals Handling Improvements - Lamella					\$3,500,000	\$3,500,000	BAN 2027
13	244	Annual General Facility R&R - Plants, Tanks, Pump Stations 2019	\$1,100,000					\$1,100,000	BAN 2023
14	245	MPTP Residuals Handling Improvements	\$600,000	\$7,400,000				\$8,000,000	BAN 2023/2024
15	255	Annual General Facility R&R - Plants, Tanks, Pump Stations 2020	\$510,000					\$510,000	BAN 2023
16	257	TMTP Chemical Building Improvements		\$1,380,000				\$1,380,000	BAN 2024
17	258	Annual General Facility R&R - Plants, Tanks, Pump Stations 2021	\$1,138,000					\$1,138,000	BAN 2023
18	263	Annual General Facility R&R - Plants, Tanks, Pump Stations 2022	\$1,163,000					\$1,163,000	BAN 2023
19	268	TMPS - Redundant 876 Pump Station			\$6,000,000			\$6,000,000	BAN 2025
20	269	Annual General Facility R&R - Plants, Tanks, Pump Stations 2023	\$1,190,000					\$1,190,000	BAN 2023
21	272	Dudley 1080 Pump Station Improvements			\$3,600,000			\$3,600,000	BAN 2025
22	273	FTTP Chemical Feed Systems Upgrades				\$2,295,000		\$2,295,000	BAN 2026
23	274	Annual General Facility R&R - Plants, Tanks, Pump Stations 2024		\$1,218,000				\$1,218,000	BAN 2024
24	277	Annual General Facility R&R - Plants, Tanks, Pump Stations 2025			\$1,246,000			\$1,246,000	BAN 2025
25	281	Expand MPTP to 20 MGD					\$12,000,000	\$12,000,000	BAN 2027
26	282	Waterworks Road Pump Station Improvements					\$4,000,000	\$4,000,000	BAN 2027
27	283	TMTP Pump Station Improvements					\$3,100,000	\$3,100,000	BAN 2027
28	284	Annual General Facility R&R - Plants, Tanks, Pump Stations 2026				\$1,277,000		\$1,277,000	BAN 2026
29	136	TMTP Basin Replacement and Advanced Treatment Improvements		\$15,000,000	\$15,000,000			\$30,000,000	BAN 2024/2025
30	288	Annual General Facility R&R - Plants, Tanks, Pump Stations 2027					\$1,310,000	\$1,310,000	BAN 2027
31	289	TMTP Pump #3 Replacement	\$1,000,000					\$1,000,000	BAN 2023
<b>Sub-Total Water Quality</b>			<b>\$32,927,000</b>	<b>\$29,098,000</b>	<b>\$25,846,000</b>	<b>\$3,572,000</b>	<b>\$23,910,000</b>	<b>\$115,353,000</b>	
<b>Needed Funding for each Year</b>			<b>\$16,352,000</b>	<b>\$29,098,000</b>	<b>\$25,846,000</b>	<b>\$3,572,000</b>	<b>\$23,910,000</b>	<b>\$98,778,000</b>	
<b>Funded Project through Loans</b>			<b>\$10,700,000</b>						
<b>Funded Project through Grants</b>			<b>\$2,800,000</b>						
<b>Funded Projects (in previous Rate Cases)</b>			<b>\$3,075,000</b>						

Pg. No.	PSC Ref No.	Distribution/Central Facility Projects/Meters						Total Project Cost	Funding Source
			2023	2024	2025	2026	2027		
32	114	Interconnect 1080/1017 12" (Pond Creek - KY 177)		\$1,200,000				\$1,200,000	BAN 2024
33	225	New KY 16 interconnect project between upgraded KDOT 16"		\$950,000				\$950,000	BAN 2024
34	100	Stonehouse Road (old Twelve Mile Rd.) KY 10 to KY 1566		\$1,120,000				\$1,120,000	BAN 2024
35	121	Independence Road, Ky. 17 to Existing 12"		\$119,000				\$119,000	BAN 2024
36	220	Horsebranch Road 24" from 36" to Thomas More Parkway		\$800,000				\$800,000	BAN 2024
37	259	SR 17 from Hands Pike to Apple Drive			\$8,000,000			\$8,000,000	BAN 2025
38	251	Southern Kenton County Improvements	\$1,000,000					\$1,000,000	BAN 2023
39	51	Vineyard (Gunkel Rd) (Upper Nine Mile to Fender Rd)		\$786,000				\$786,000	BAN 2024
40	122	Burns Road, Persimmon Grove to Flatwoods		\$1,554,000				\$1,554,000	BAN 2024
41	144	Hands Pike from Ky 16 to Edwin Drive		\$608,000				\$608,000	BAN 2024
42	246	2019 Water Main Replacement Program	\$6,450,000					\$6,450,000	BAN 2021
		2019 Water Main Replacement Program - SRF Loan 2016	\$1,000,000					\$1,000,000	SRF Loan 2016
43	180	US 27 24" Sunset to Martha Layne Collins			\$1,300,000			\$1,300,000	BAN 2025

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Pg. No.	PSC Ref No.	Water Quality Projects						Total Project Cost	Funding Source
			2023	2024	2025	2026	2027		
44	253	2020 Water Main Replacement Program	\$500,000					\$500,000	BAN 2021
45	261	2021 Water Main Replacement Program	\$2,000,000					\$2,000,000	BAN 2023
46	265	2022 Water Main Replacement Program	\$5,000,000					\$5,000,000	BAN 2023
47	266	20" MPTP Discharge Water Main Replacement			\$8,000,000	\$8,000,000		\$16,000,000	BAN 2025/2026
48	267	Automated Meter System	\$11,000,000					\$11,000,000	BAN 2021
49	270	2023 Water Main Replacement Program	\$8,000,000					\$8,000,000	BAN 2023
50	271	Mains into Unserved Areas 2023	\$2,250,000					\$2,250,000	BAN 2023
51	275	2024 Water Main Replacement Program		\$9,000,000				\$9,000,000	BAN 2024
52	276	Mains into Unserved Areas 2024		\$250,000				\$250,000	BAN 2024
53	278	Replace Richardson Road Pump Station			\$2,000,000			\$2,000,000	BAN 2025
54	279	2025 Water Main Replacement Program			\$9,000,000			\$9,000,000	BAN 2025
55	280	Mains into Unserved Areas 2025			\$2,250,000			\$2,250,000	BAN 2025
56	285	Newport Water Main Replacement	\$1,146,128					\$1,146,128	BAN 2023
		Newport Water Main Replacement - SRF Loan 2023	\$4,000,000					\$4,000,000	SRF Loan 2023
		Newport Water Main Replacement - (SB36 Grant & HB1 Grant)	\$3,403,872					\$3,403,872	KIA Grants
57	286	2026 Water Main Replacement Program				\$9,250,000	\$9,250,000	BAN 2026	
58	287	Mains into Unserved Areas 2026				\$250,000	\$250,000	BAN 2026	
59	290	Campbell County Sub-District HB	\$800,000					\$800,000	BAN 2023
		Campbell County Sub-District HB (SB36 Grant & HB1 Grant)	\$1,800,000					\$1,800,000	KIA Grants
60	291	Kenton County Sub-District O	\$965,000					\$965,000	BAN 2023
		Kenton County Sub-District O (SB36 Grant & Kenton Co. funds)	\$1,450,000					\$1,450,000	KIA/County Grant
61	292	Kenton County Sub-District Q	\$2,000,000					\$2,000,000	BAN 2023
		Kenton County Sub-District Q (KC ARPA Funds)	\$5,000,000					\$5,000,000	KIA Grant 2023
62	293	Mooch Road 36-inch Redundancy Water Main - 42" to the River Crossing	\$500,000	\$4,500,000				\$5,000,000	BAN 2023/2024
63	294	2027 Water Main Replacement Program					\$9,500,000	\$9,500,000	BAN 2027
64	295	Mains into Unserved Areas 2027					\$2,250,000	\$2,250,000	BAN 2027
65	296	20" to Connect 11th Street in Newport to 12th Street in Covington					\$6,000,000	\$6,000,000	BAN 2027
66	297	12" Parallel Main Between Vulcan and Lytle					\$2,500,000	\$2,500,000	BAN 2027
<b>Sub-total Distribution</b>			<b>\$58,265,000</b>	<b>\$20,887,000</b>	<b>\$30,550,000</b>	<b>\$17,500,000</b>	<b>\$20,250,000</b>	<b>\$147,452,000</b>	
<b>Needed Funding for each Year</b>			<b>\$23,661,128</b>	<b>\$20,887,000</b>	<b>\$30,550,000</b>	<b>\$17,500,000</b>	<b>\$20,250,000</b>	<b>\$112,848,128</b>	
<b>Funded Project through Loans</b>			<b>\$5,000,000</b>						
<b>Funded Project through Grants</b>			<b>\$11,653,872</b>						
<b>Funded Projects (in previous Rate Cases)</b>			<b>\$17,950,000</b>						
<b>Total for Year 2023 - 2027 Capital Budget</b>			<b>\$91,192,000</b>	<b>\$49,985,000</b>	<b>\$56,396,000</b>	<b>\$21,072,000</b>	<b>\$44,160,000</b>	<b>\$262,805,000</b>	
<b>Total Needed Funding for each Year (not in a Rate Case)</b>			<b>\$40,013,128</b>	<b>\$49,985,000</b>	<b>\$56,396,000</b>	<b>\$21,072,000</b>	<b>\$44,160,000</b>	<b>\$211,626,128</b>	
<b>Funded Projects (in previous Rate Cases)</b>			<b>\$21,025,000</b>						
<b>Funded Project through Grants</b>			<b>\$14,453,872</b>						
<b>Funded Project through Loans</b>			<b>\$15,700,000</b>						
<b>BAN 2021</b>			<b>\$24,025,000</b>						
<b>BAN 2023</b>			<b>\$40,013,128</b>						

(\$21,025,000 listed above + \$3,000,000 from FTTP Residuals Handling Improvements)